

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094647.D
 Acq On : 26 Apr 2017 15:25
 Operator : SJ/MA
 Sample : I2847-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AVENUE-A-GROUNDWATER

Quant Time: Apr 27 03:47:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

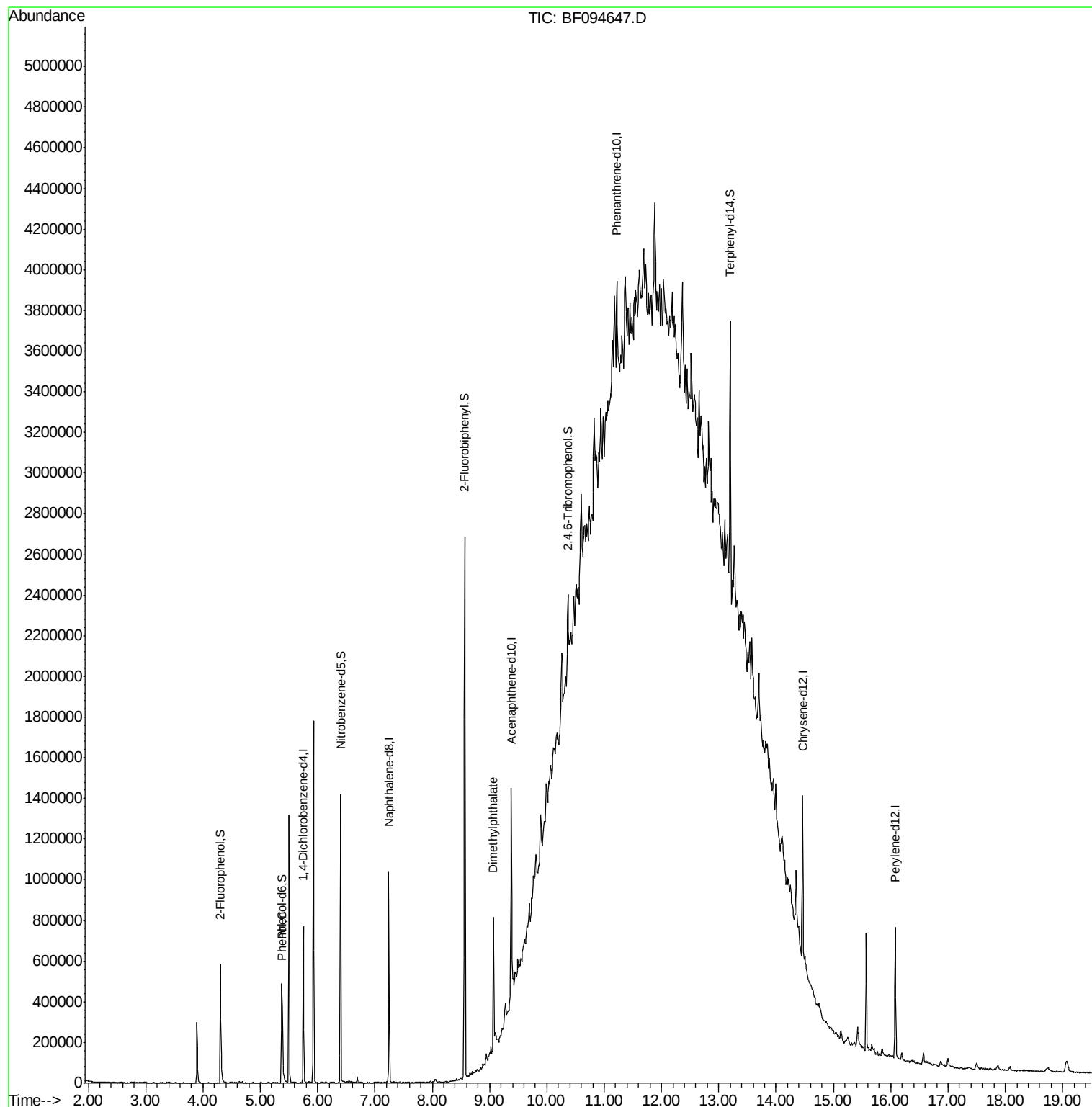
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	126996	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	522108	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	233277	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	327229	20.00	ng	0.00
75) Chrysene-d12	14.47	240	365070	20.00	ng	0.00
86) Perylene-d12	16.08	264	261121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	198468	25.93	ng	0.00
7) Phenol-d6	5.37	99	164117	18.19	ng	-0.02
23) Nitrobenzene-d5	6.40	82	474582	56.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	80801	44.28	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	914153	57.66	ng	-0.02
78) Terphenyl-d14	13.20	244	597587	43.75	ng	0.00
Target Compounds						
10) Phenol	5.39	94	144572	13.04	ng	86
49) Dimethylphthalate	9.07	163	295895	17.02	ng	98

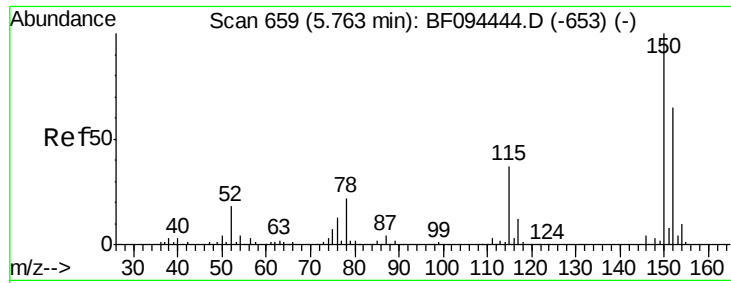
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094647.D
Acq On : 26 Apr 2017 15:25
Operator : SJ/MA
Sample : I2847-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AVENUE-A-GROUNDWATER

Quant Time: Apr 27 03:47:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



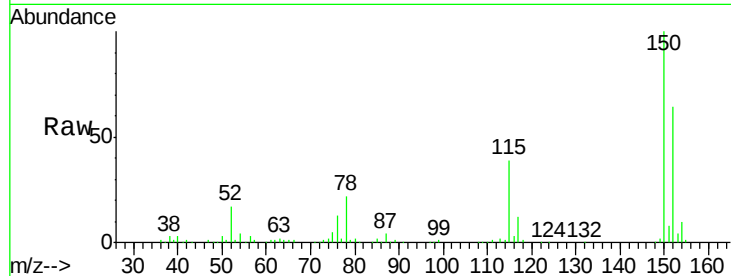


#1

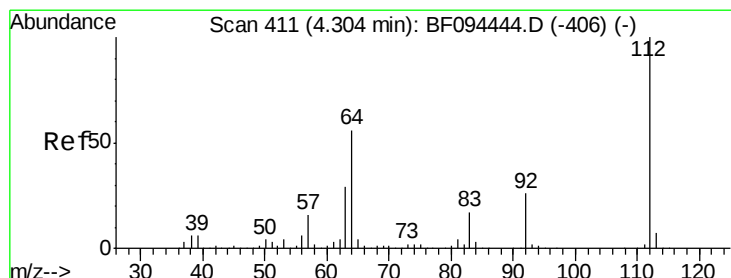
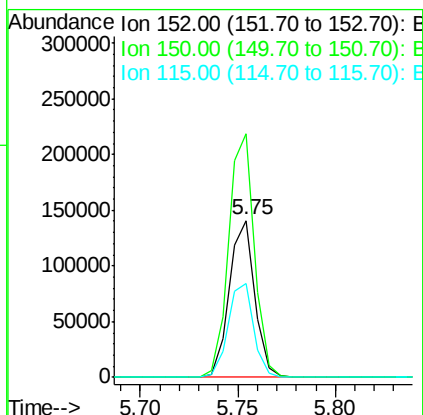
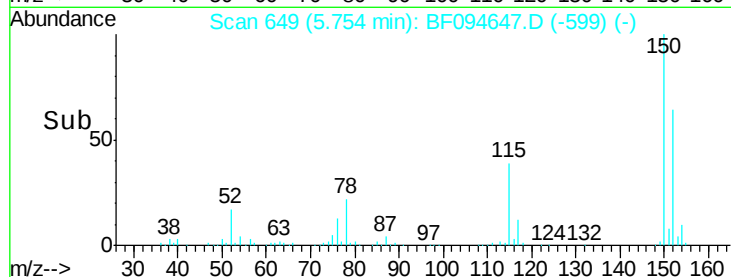
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Instrument :
BNA_F
ClientSampleId :
AVENUE-A-GROUNDWATER

Tot Ion:152 Resp: 126996
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 59.9 52.2 78.2



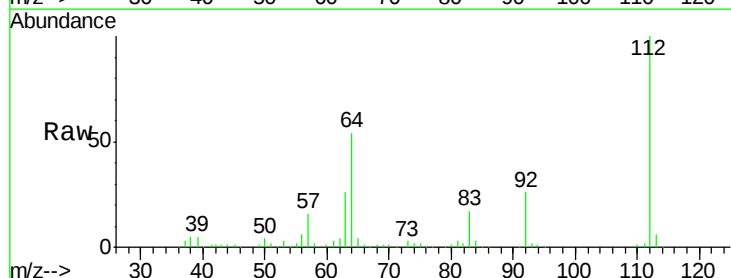
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



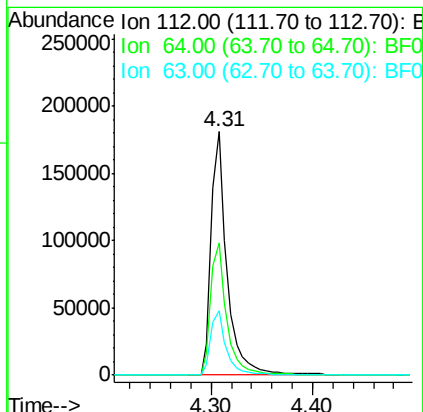
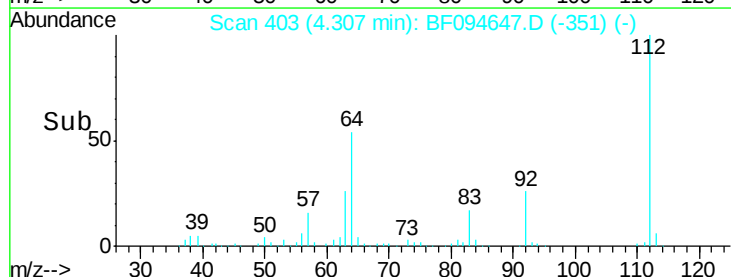
#5

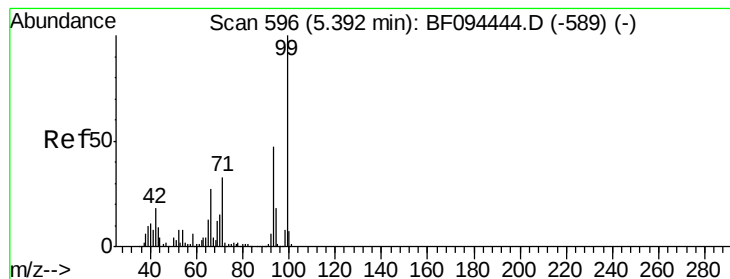
2-Fluorophenol
Concen: 25.93 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Tgt Ion:112 Resp: 198468
Ion Ratio Lower Upper
112 100
64 54.5 46.0 69.0
63 26.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.19 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampleId :

AVENUE-A-GROUNDWATER

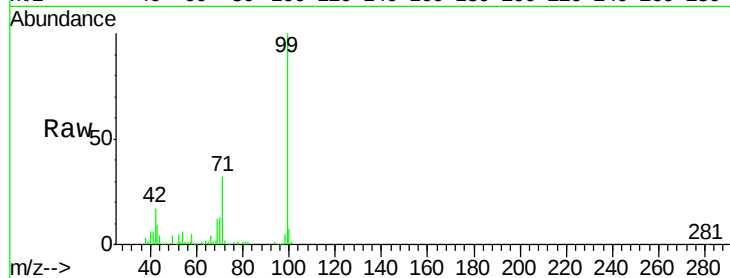
Tot Ion: 99 Resp: 164117

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

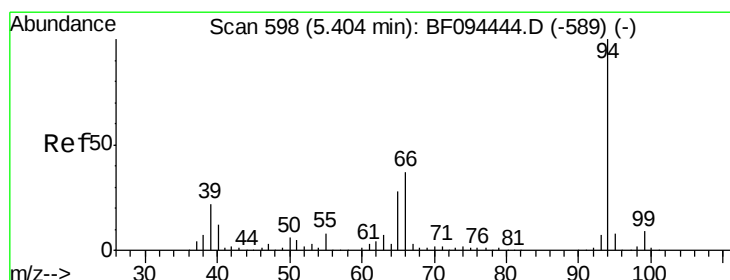
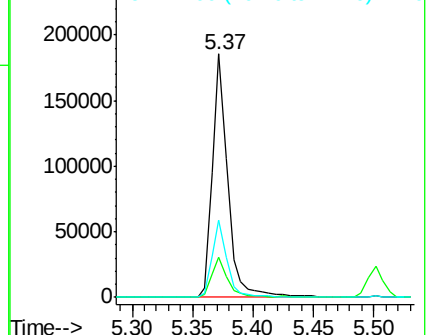
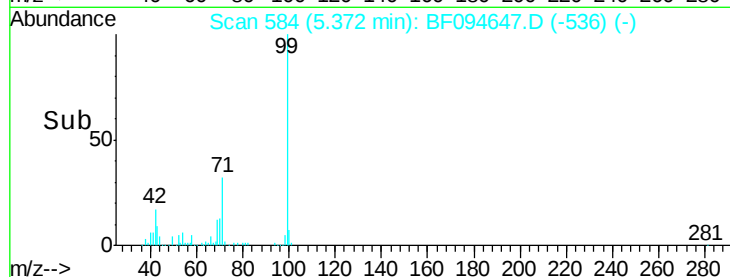
71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 13.04 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

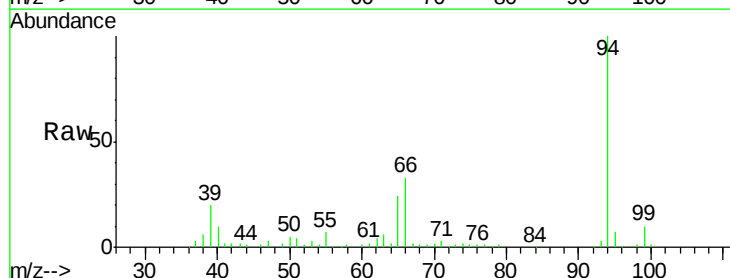
Tgt Ion: 94 Resp: 144572

Ion Ratio Lower Upper

94 100

65 24.3 9.9 49.9

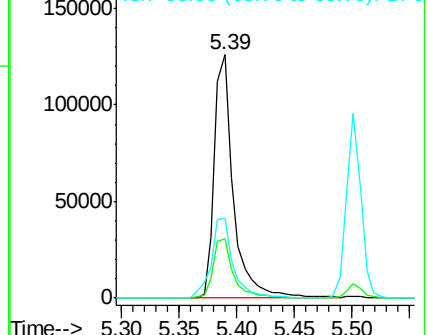
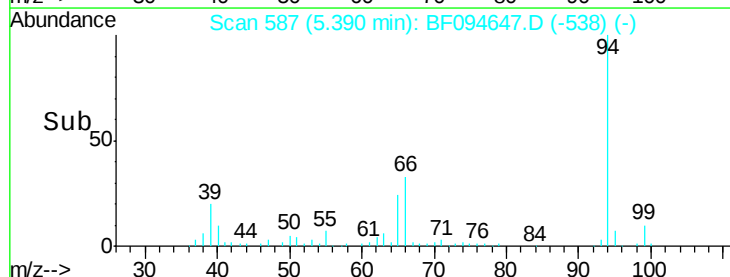
66 32.6 23.1 63.1

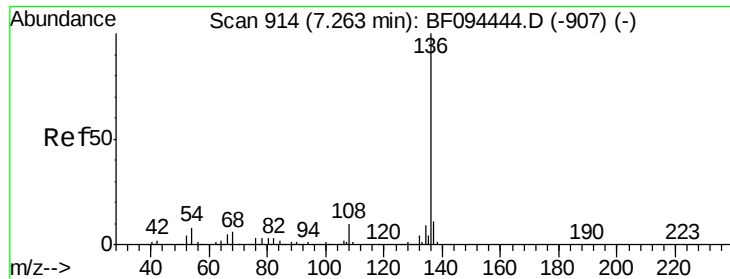


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampleId :

AVENUE-A-GROUNDWATER

Tot Ion:136 Resp: 522108

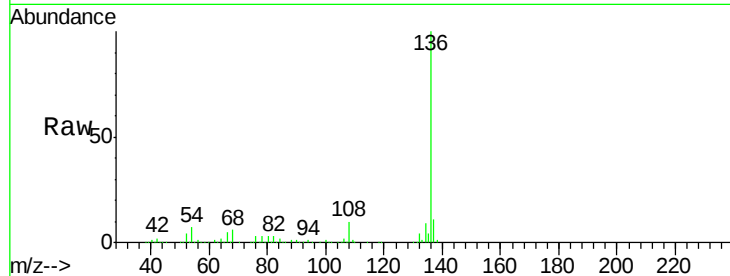
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 5.9 4.1 6.1

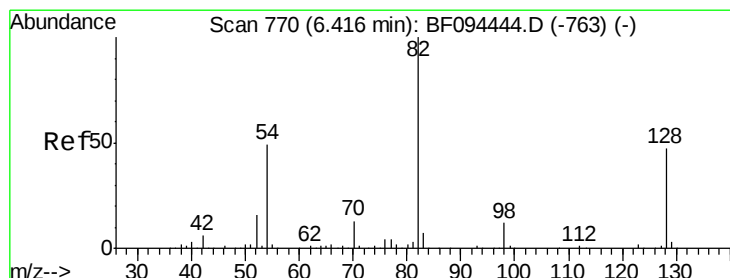
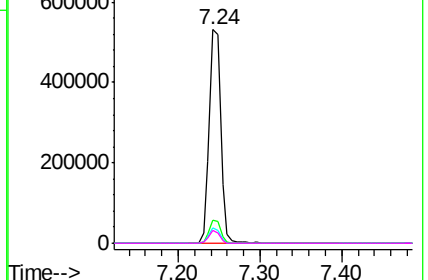
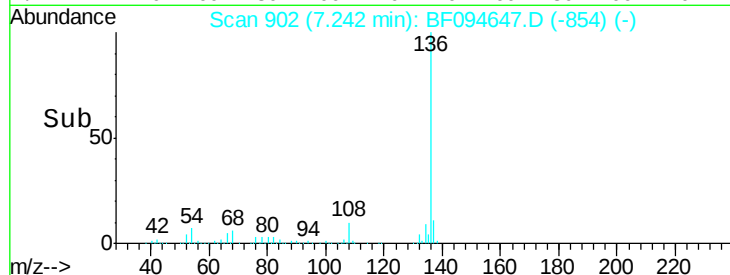


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 56.13 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

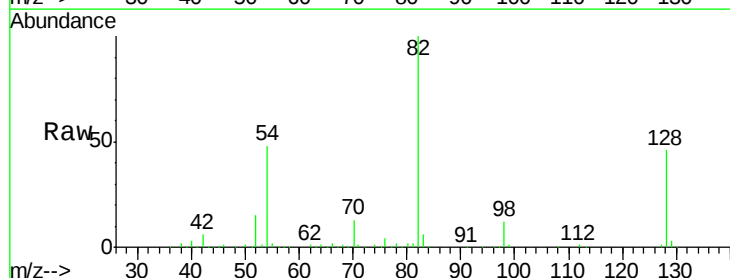
Tgt Ion: 82 Resp: 474582

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

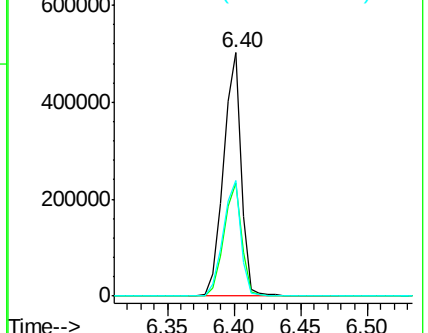
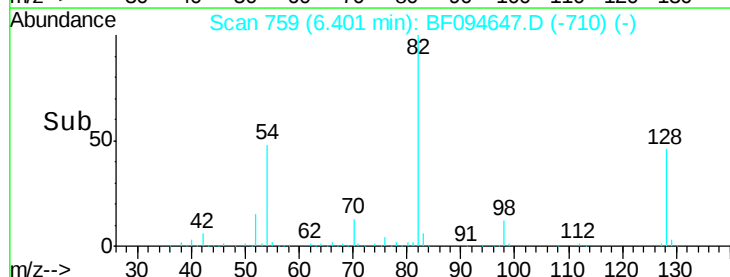
54 47.7 42.2 63.2

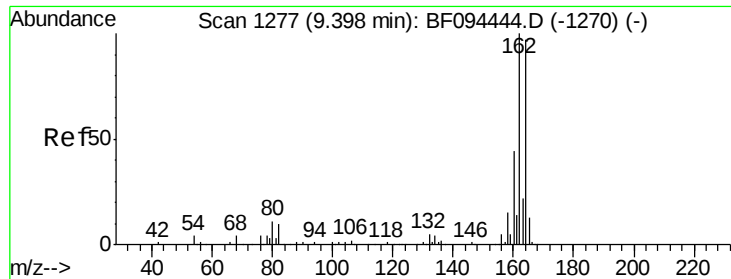


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampleId :

AVENUE-A-GROUNDWATER

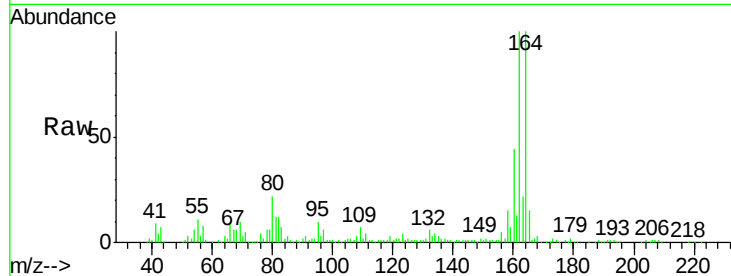
Tot Ion:164 Resp: 233277

Ion Ratio Lower Upper

164 100

162 99.9 82.6 123.8

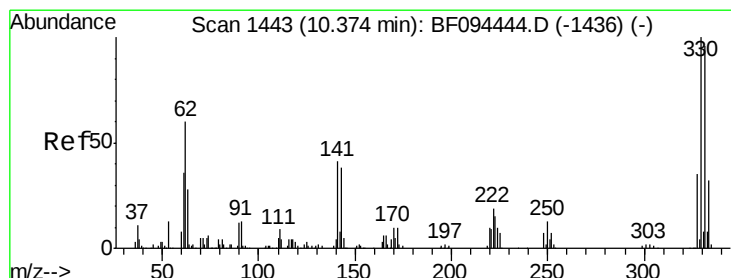
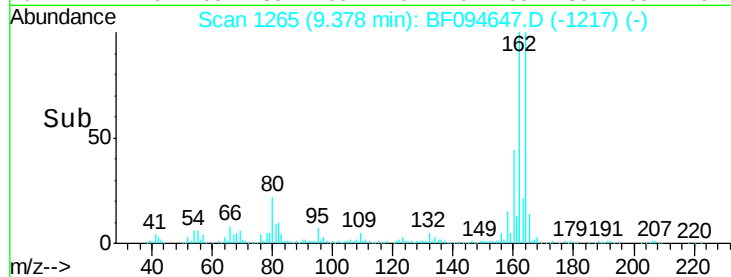
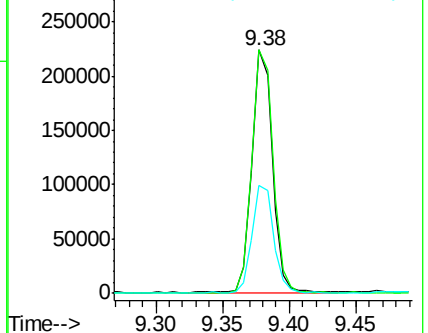
160 44.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 44.28 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

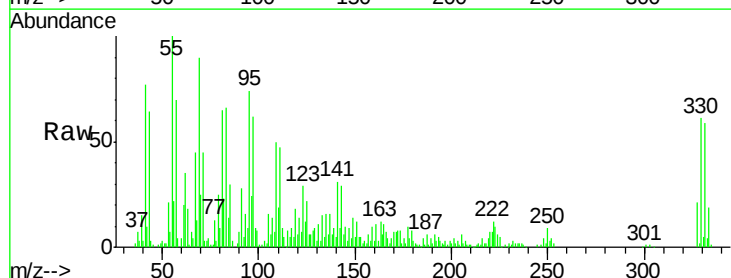
Tgt Ion:330 Resp: 80801

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

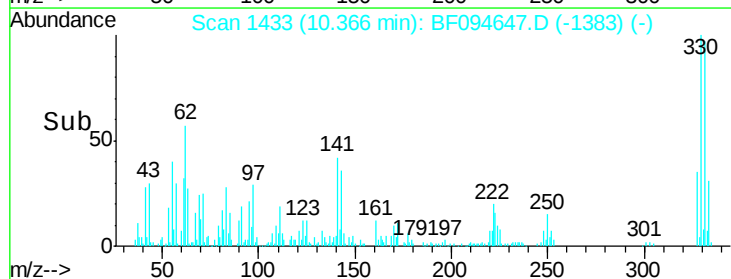
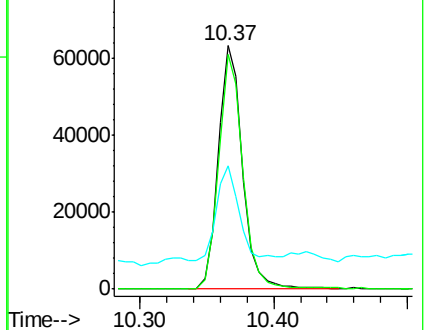
141 37.6 31.4 47.2

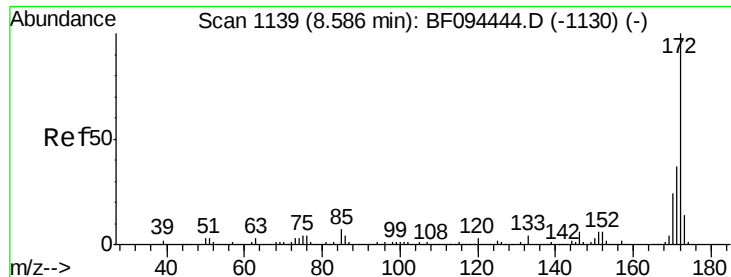


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

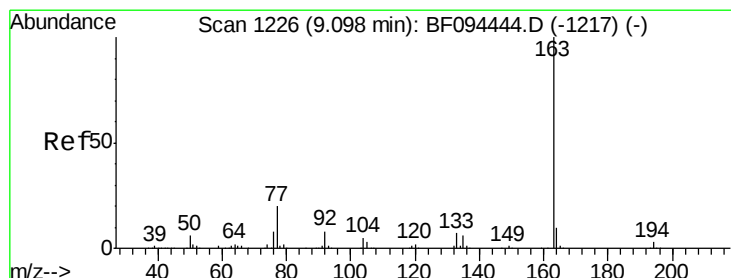
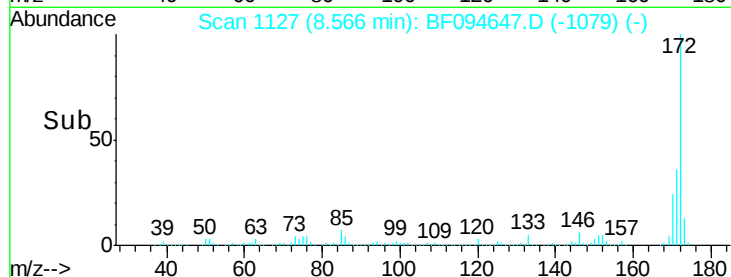
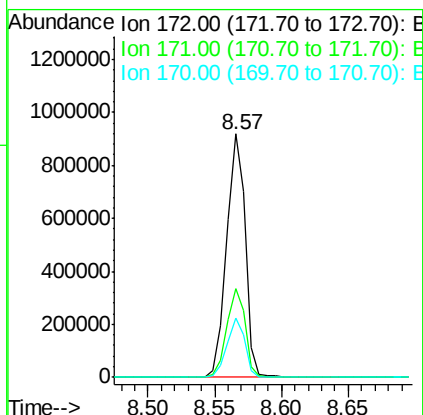
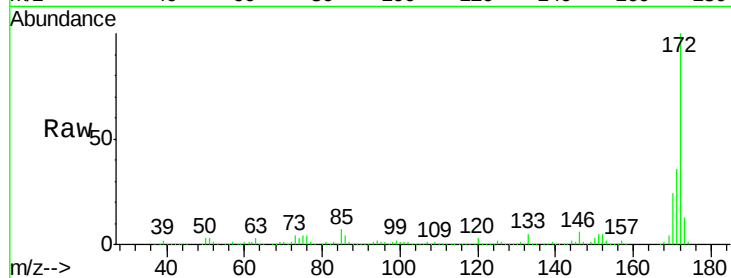




#44
2-Fluorobiphenyl
Concen: 57.66 ng
RT: 8.57 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

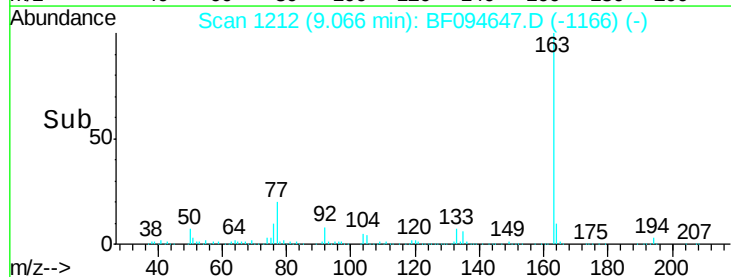
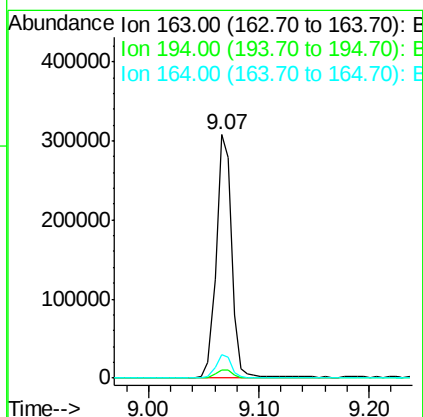
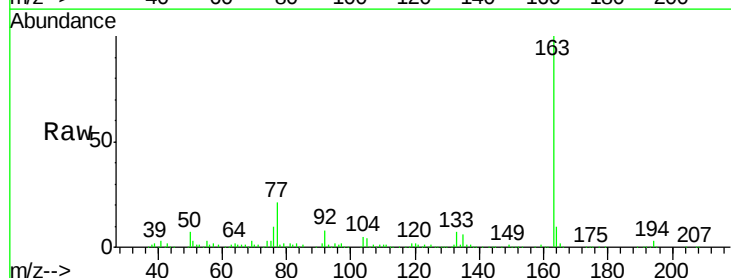
Instrument :
BNA_F
ClientSampleId :
AVENUE-A-GROUNDWATER

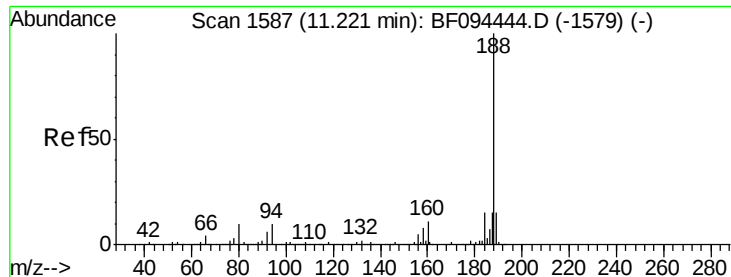
Tot Ion:172 Resp: 914153
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 17.02 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Tgt Ion:163 Resp: 295895
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.4 12.6

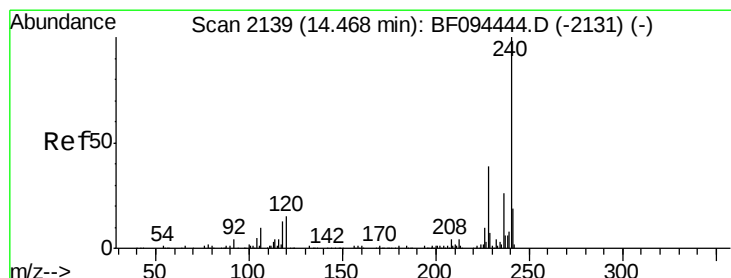
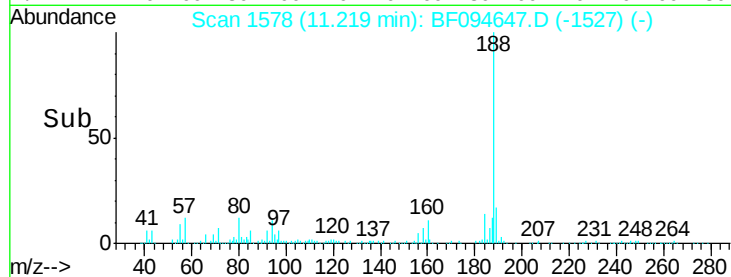
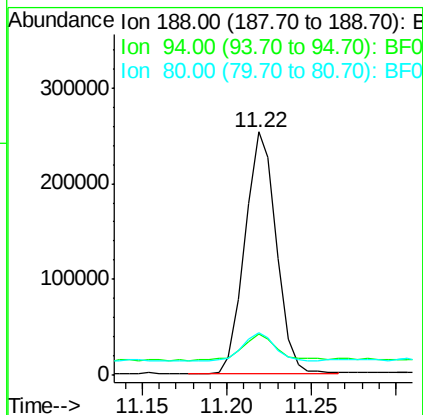
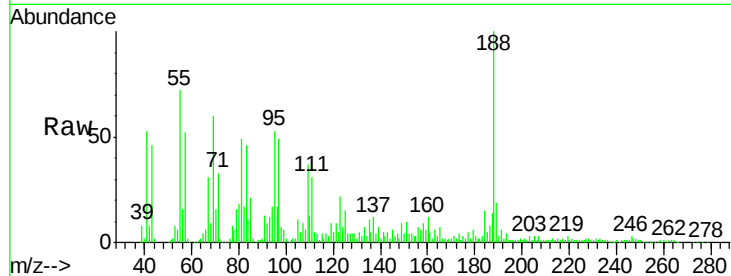




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

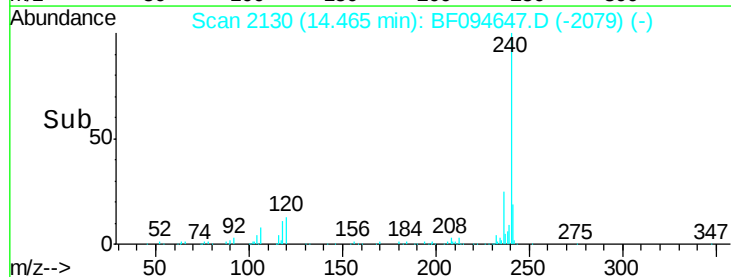
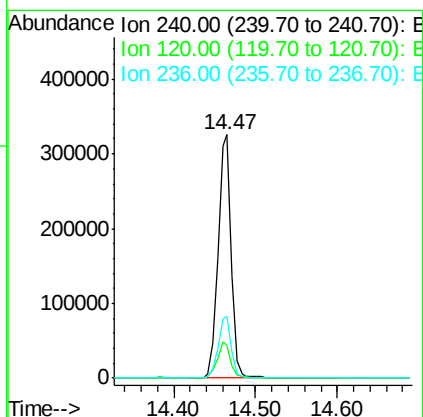
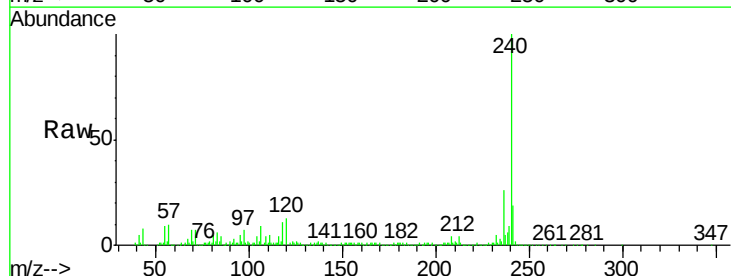
Instrument :
BNA_F
ClientSampleId :
AVENUE-A-GROUNDWATER

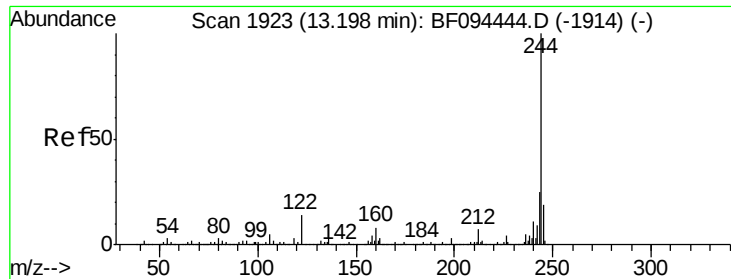
Tot Ion:188 Resp: 327229
Ion Ratio Lower Upper
188 100
94 17.0 9.4 14.2#
80 17.5 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094647.D
Acq: 26 Apr 2017 15:25

Tgt Ion:240 Resp: 365070
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.6 20.5 30.7





#78

Terphenyl-d14

Concen: 43.75 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

Instrument :

BNA_F

ClientSampleId :

AVENUE-A-GROUNDWATER

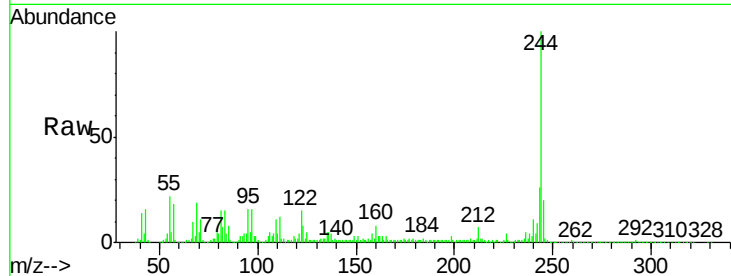
Tot Ion:244 Resp: 597587

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

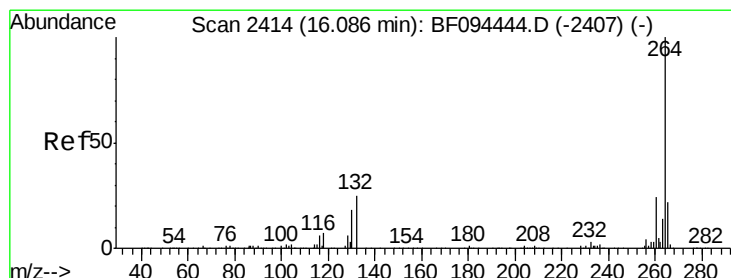
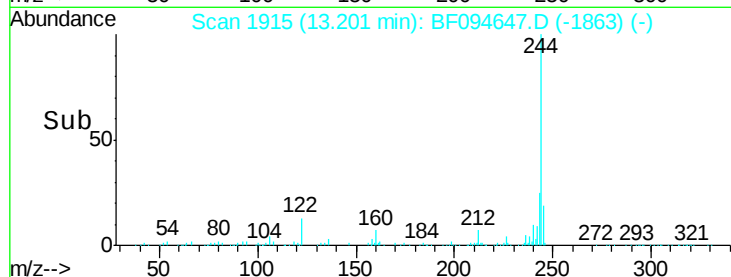
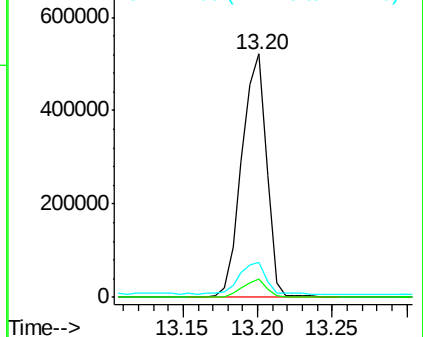
122 14.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094647.D

Acq: 26 Apr 2017 15:25

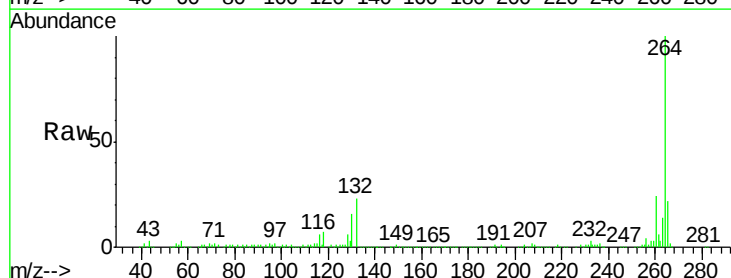
Tgt Ion:264 Resp: 261121

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

